

# LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

## Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

### WILLIAMSVILLE MATERIALS dba WILLIAMSVILLE STONE COMPANY

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

limestone, sand & gravel in the state of Missouri. The extent of the

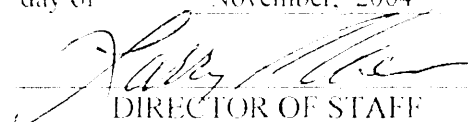
Proposed mining operation(s) will be on 272.9 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Butler	13, 14, 23, 24	26N	05E	173.4	0	173.4	Site #5	1953
Butler	19, 24	26N	05E, 06E	89.5	0	89.5	SG Site #2	0141
Butler	24	26N	05E	10	0	10	SG Site #4	0140

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 29<sup>th</sup> day of November, 2004



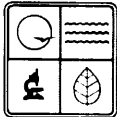
DIRECTOR OF STAFF

Land Reclamation Commission

Permit No. 0115  
Effective Date 01/01/2005  
Expiration Date 12/31/2005

NE 780-1122 (6-95)

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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION

PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND RECLAMATION COMMISSION  
P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <b>Williamsville Materials dba Williamsville Stone Co.</b>		DATE <b>11-15-04</b>	
ADDRESS <b>P.O. Box 234, Highway 67 North</b>	CITY <b>Poplar Bluff</b>	STATE <b>MO</b>	ZIP CODE <b>63901</b>
CONTACT PERSON <b>Mark Noel / Quarry Manager</b>		TELEPHONE NUMBER <b>573-998-2416</b>	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. Site #2	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 150
2. Site #4	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 150
3. Site #5	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$

2. Acreage Fee \$5 X 272.9 number of acres bonded \$ 1364.50

3. Annual Permit Fee \$ 500

4. Total Fee (Add totals from 1, 2 and 3) \$ 2464.50

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ 300

SIGNATURE OF APPLICANT <i>Mark Noel</i>	TITLE Environmental Coord.	DATE 11/15/04
--	-------------------------------	------------------

Appeared before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,  
to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <b>Missouri</b>	COUNTY (OR CITY OF ST. LOUIS) <b>Cape Girardeau</b>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <b>19th</b> DAY OF <b>November</b> YEAR <b>2004</b>	
	NOTARY PUBLIC SIGNATURE <i>Sharon A. Johnson</i>	MY COMMISSION EXPIRES <b>2/22/08</b>
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <b>Sharon A. Johnson</b>	

**SHARON A. JOHNSON**  
Notary Public - Notary Seal  
STATE OF MISSOURI  
CAPE GIRARDEAU COUNTY  
MY COMMISSION EXP. FEB. 22, 2008

FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>	DATE APPROVED <b>11-29-04</b>	PERMIT NUMBER <b>0115</b>	EXPIRATION DATE <b>12-31-05</b>
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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**SITE INFORMATION FORM**

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To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER Site 5		PERMIT NUMBER 0115	
COMPANY NAME Williamsville Stone Company			
COUNTY Butler	1/4 SECTION		SECTION 13, 14, 23, 24
TOWNSHIP 26 North	RANGE 5 East	ACRES 164 existing + 22.5 new 186.5 total	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES)	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Williamsville Stone Company		
ADDRESS P.O. Box 398, 912 Mallory Street		
CITY Dexter	STATE MO	ZIP CODE 63841
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Williamsville Stone Company		
ADDRESS P.O. Box 398, 912 Mallory Street		
CITY Dexter	STATE MO	ZIP CODE 63841
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<b>NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.</b>		



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
MINE PLAN

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MISSOURI LAND RECLAMATION COMMISSION  
P.O. BOX 176  
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE:

COMPANY NAME

Williamsville Stone Company

December 31, 2050

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

Area is partially wooded. Rock is visible above grade. This site contains the existing quarry, there is little overburden (approximately 2-5 feet in most places). The overburden will be removed and placed in the adjoining spoil area, graded to traversable slopes and seeded.

Upland Area

The soil is Clarksville very cherty silt loam, 14-35% slopes. The upland soil is deep, moderately steep and somewhat excessively drained cherty soil. The surface layer is brown very cherty silt loam about 5" thick. The subsoil layer is pale brown very cherty silt loam about 8 inches thick. The subsoil extends to a depth of 60 inches or more.

Bottomland Area

Elk Silt loam 1-4% slop. This nearly level and gently sloping well drained soil is of the bottomland. It is subject to occasional flooding. The surface brown silt loam about 7" thick. The brown subsoil extends 60" or more.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

8 5 p.m.  
INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO p.m. ~~N/A~~

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

~~N/A~~ The topsoil will be removed with excavators loaded onto haul trucks and hauled to storage piles p.m. All topsoil will stored within the permitted area.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

~~N/A~~ The storage piles will be seeded with tall fescue to prevent erosion. p.m.

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**B. SPOIL**

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

MISSOURI LAND RECLAMATION COMMISSION MISSOURI LAND RECLAMATION COMMISSION

All overburden removed from the site will be placed in an area not to be mined. Overburden will be graded to 3:1 traversable slope and seeded.

All spoil will be placed within the permitted area.  
D.N.

**C. ACID MATERIALS**

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None.

**D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)**

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

The primary portion of limestone development will proceed to the south.

See detail map.

D.N.

YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?  
(NOTE: If the answer is "yes", a safety barrier may be needed.)

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## RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

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## A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1

PURPOSE OR LAND USE

Water impoundment

B. SEEDING OR PLANTING TIME

Feb 1 - May 1

## DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Seeding and mulch work will be performed after overburden has been graded. Hand broadcast seeding or a cultipacker type seeder to be used for seeding.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Barnyard grass Korean lespedeza Red top Smooth broom Rice cut grass Millett	2 each	Cottonwood Sycamore Willow Pin Oak	Approximately 10 foot spacing

REVEGETATION MIX #2

PURPOSE OR LAND USE

Wildlife

B. SEEDING OR PLANTING TIME

Feb 1 - May 1

## DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Seeding and mulch work will be performed after overburden has been graded. Hand broadcast seeding or a cultipacker type seeder to be used for seeding.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Wheat Orchard grass Lidino clover Red clover Korean lespedeza Timothy Alphapha	16 3 1 2 3 2 3		

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

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**B. GRADING**

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

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Upon completion of mining activities an approximate ~~115.5~~ acres of water  
impoundment and ~~38.5~~ acres of wildlife area.

51 b7n

135.5 b7n

**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES****GRADING**

Grading will be done within 12 months of the completion of mining activities.

**REPLACEMENT OF TOPSOIL**

The best available rooting medium will be placed to a uniform depth of  
~~12~~ inches.

b7n

**REVEGETATION**

Revegetation will be performed at the next optimum seeding period following final grading.

**AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)**

12

**D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation

**ESTIMATED ACRES:**

Wildlife (forest or other habitat with livestock excluded)

51

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

135.5

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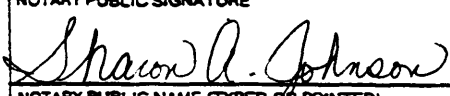

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By my signature, I attest to the following:

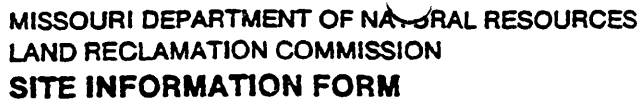
MISSOURI LAND RECLAMATION COMMISSION

MISSOURI LAND RECLAMATION COMMISSION

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT 		TITLE (Mark Noel) Quarry Manager	DATE 11-08-02
NOTARY PUBLIC EMBOSSEMENT SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Cape Girardeau	
SUBSCRIBED AND SWORN BEFORE ME, THIS 8th DAY OF November 19 2002		USE RUBBER STAMP IN CLEAR AREA BELOW	
NOTARY PUBLIC SIGNATURE 		MY COMMISSION EXPIRES 2/22/04	<b>SHARON A. JOHNSON</b> Notary Public - Notary Seal STATE OF MISSOURI CAPE GIRARDEAU COUNTY MY COMMISSION EXP. FEB. 22, 2004
NOTARY PUBLIC NAME (TYPED OR PRINTED) Sharon A. Johnson			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		DATE APPROVED 12/11/02	PERMIT NUMBER 0115





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**To be completed for each separate area of disturbance associated with mining operations.**

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
Williamsville Stone Company		
ADDRESS		
P.O. Box 398, 912 Mallory Street		
CITY	STATE	ZIP CODE
Dexter	MO	63841
SOURCE OF RIGHT TO MINE (CHECK ONE):		DATE OF AGREEMENT
<input type="checkbox"/> MINERAL DEED		
<input checked="" type="checkbox"/> WARRANTY DEED		
<input type="checkbox"/> OTHER (DESCRIBE):		
<input type="checkbox"/> LEASE		
<input type="checkbox"/> VERBAL AGREEMENT		

**NOTE:** Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
MINE PLAN

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MISSOURI LAND  
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P.O. BOX 176  
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE:

COMPANY NAME

Williamsville Stone Company

December 31, 2050

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

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Gently rolling pasture. The soil is Wideman Fine Sandy Loam 0-5% slopes. This nearly level and gently sloping, excessively drained soil is of the bottomlands. It is subject to occasional flooding. The surface layer is dark brown fine sandy loam about 9 inches thick. The subsoil to a depth of 60 inches is fine sandy loam. At the present time, the soil is planted in native grasses and is used as pasture.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

36

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Excavator with haul trucks to remove topsoil.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Trucks will haul the topsoil to a stockpile. Topsoil will then be seeded with Tall Fescue to protect it from erosion.

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**B. SPOIL**

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

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Spoil will be hauled to a spoil pile where it will be graded to a traversable slope and seeded. All spoil will be placed within the permitted area. D.N.

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**C. ACID MATERIALS**

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

**D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)**

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

Pit advancement will proceed to the south by southeasterly direction.

YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒ Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

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## RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

## A. REVEGETATION (Attach additional sheets, if needed)

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REVEGETATION MIX #1

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

Water impoundment

Feb 1 - May 1

## DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Seeding and mulch work will be performed after overburden has been graded. Hand broadcast seeding or a cultipacker type seeder to be used for seeding.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Barnyard grass Korean lespedeza Red top Smooth broom Rice cut grass Millett	2 each	Willow Cottonwood Sycamore Pin Oak	Approximately 10 foot spacing

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

Wildlife

Feb 1 - May 1

## DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Seeding and mulch work will be performed after overburden has been graded. Hand broadcast seeding or a cultipacker type seeder to be used for seeding.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Barnyard grass Korean Lespedeza Red top Smooth broom Rice cut grass Millett	2 each		

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

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**B. GRADING**

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

MISSOURI LAND RECLAMATION COMMISSION MISSOURI LAND RECLAMATION COMMISSION

Upon completion of mining activities, an approximate 78.5 acre water impoundment along with 15 acres of wildlife area, will exist. All spoil areas will be graded and seeded with slopes to be traversable by farm machinery.

**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES****GRADING**

Grading will be done as the pit advances and spoil is removed and placed in the spoils area. Final grading will be complete within one year of permit expiration on the mined out areas.

**REPLACEMENT OF TOPSOIL**

Topsoil will be replaced on all embankments within one year of permit expiration of all mined out areas.

**REVEGETATION**

All topsoil areas will be seeded during the first optimum seeding period following topsoil replacement.

**AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)**

12

**D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation

**ESTIMATED ACRES:**

Wildlife (forest or other habitat with livestock excluded)

15

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

78.5

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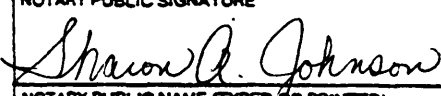

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By my signature, I attest to the following:

MISSOURI LAND  
RECLAMATION COMMISSIONMISSOURI LAND  
RECLAMATION COMMISSION

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT 		TITLE Quarry Manager	DATE 11-08-02
NOTARY PUBLIC EMBOSSE SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Cape Girardeau	
SUBSCRIBED AND SWORN BEFORE ME, THIS 8th DAY OF November 19 2002		USE RUBBER STAMP IN CLEAR AREA BELOW	
NOTARY PUBLIC SIGNATURE 		MY COMMISSION EXPIRES 2/22/04	<div>SHARON A. JOHNSON Notary Public - Notary Seal STATE OF MISSOURI CAPE GIRARDEAU COUNTY MY COMMISSION EXP. FEB. 22, 2004</div>
NOTARY PUBLIC NAME (TYPED OR PRINTED) Sharon A. Johnson			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		DATE APPROVED 12/11/02	PERMIT NUMBER 0115



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**SITE INFORMATION FORM**

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To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER Site 4		PERMIT NUMBER 0115	
COMPANY NAME Williamsville Stone Company			
COUNTY Butler	1/4 SECTION	SECTION 24	
TOWNSHIP 26 North	RANGE 5 East	ACRES 10	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES)	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Williamsville Stone Company		
ADDRESS P.O. Box 398, 912 Mallory Street		
CITY Dexter	STATE MO	ZIP CODE 63841
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT   <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Williamsville Stone Company		
ADDRESS P.O. Box 398, 912 Mallory Street		
CITY Dexter	STATE MO	ZIP CODE 63841
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT   <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT
<b>NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.</b>		



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MINE PLAN

RECEIVED

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P.O. BOX 176  
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE:

COMPANY NAME

MISSOURI LAND  
RECLAMATION COMMISSION

Williamsville Stone Company

December 31, 2050

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL VEGETATION AND TOPOGRAPHY.

Sparse vegetation, hilly land, rock outcropping above grade. Existing limestone quarry pit on site. Soil is Clarksville very cherty silt loam 14-35% sloap. The upland soil is deep, moderately steep and somewhat excessively drained cherty soil. The surface layer is brown very cherty silt loam about 5 inches thick. The subsurface layer is pale brown very cherty silt loam about 8 inches thick. The subsoil extends to a depth of 60 inches or more.

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OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

Approximately 5 INCHES  
D.N.

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

N/A All topsoil will be removed with excavators, loaded onto haul trucks and dumped into storage piles.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

N/A Top soil will be seeded with tall Fescue to protect it from erosion.  
D.N.



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**B. SPOIL**

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

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RECLAMATION COMMISSION

Rock is outcropping on the surface. Any overburden will be removed and stockpiled on site. The pile will be seeded as necessary to control erosion and runoff.

**C. ACID MATERIALS**

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

**D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)**

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

The pit is generally a rectangular shape but irregular on two sides. It is generally oriented in a SW to NE direction. The pit starts about 435' SW of county road 523 and extends generally in a SW direction to it's farthest point for a distance of approximately 1,550 feet from the county road. The pit is approximately 650' wide at it's widest point.

YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?  
(NOTE: If the answer is "yes", a safety barrier may be needed.)

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## RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2

## A. REVEGETATION (Attach additional sheets, if needed)

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REVEGETATION MIX #1

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

Water Impoundment

Feb. 1 - May 1

## DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Seeding and mulch work will be done after overburden has been graded. Seeding will be done by hand broadcasting or by a cultipacker type seeder.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Barnyard grass Korean lespedeza Red top Rice cut grass Millet Smooth broom	2 each	Cottonwood Sycamore Willow Pin Oak	Approximately 10 foot spacing

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

## DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

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**B. GRADING**

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

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Upon completion of all mining activities an 8.5 acre water impoundment will exist. There will be an additional 1.5 acres of wildlife area around the perimeter of the pit. All inslopes that extend outward from the pit perimeter will be graded to an angle traversable by Farm machinery, and seeded for wildlife habitat as listed on page 3.

**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES****GRADING**

Grading will be done within 12 months after the expiration of the mining permit.

**REPLACEMENT OF TOPSOIL**

Same time as grading and revegetation, within 24 months after the expiration of the permit.

**REVEGETATION**

After final grading and within 24 months of the expiration of the permit.

**AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)**

12 inches D.N.

**D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation

**ESTIMATED ACRES:**

Wildlife (forest or other habitat with livestock excluded)

1.5

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

8.5

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By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT

TITLE

DATE

(Mark Noel)

Quarry Manager

11-08-02

NOTARY PUBLIC EMBOSSEER SEAL

STATE

Missouri

COUNTY (OR CITY OF ST. LOUIS)

Cape Girardeau

SUBSCRIBED AND SWORN BEFORE ME, THIS

8th DAY OF November 19 2002

USE RUBBER STAMP IN CLEAR AREA BELOW

NOTARY PUBLIC SIGNATURE

Sharon A. Johnson

MY COMMISSION  
EXPIRES

2/22/04

NOTARY PUBLIC NAME (TYPED OR PRINTED)

Sharon A. Johnson

SHARON A. JOHNSON

Notary Public - Notary Seal

STATE OF MISSOURI

CAPE GIRARDEAU COUNTY

MY COMMISSION EXP. FEB. 22, 2004

APPROVED BY (DIRECTOR'S REPRESENTATIVE)

DATE APPROVED

PERMIT NUMBER

12/11/02

0115

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WAYNE

COUNTY MISSOURI LAND

RECLAMATION OF MISSOURI  
MANAGEMENT AREA

REE REE

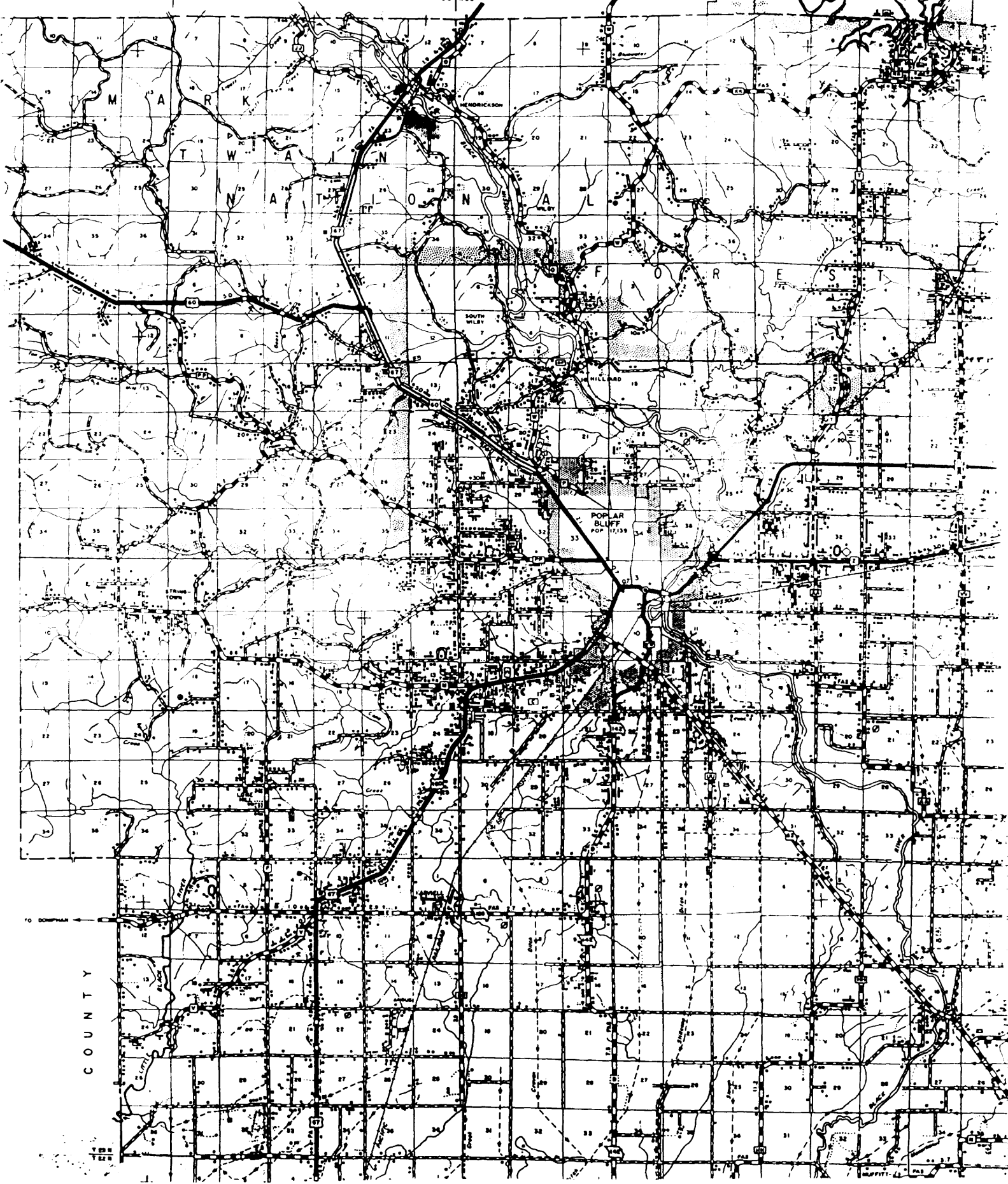
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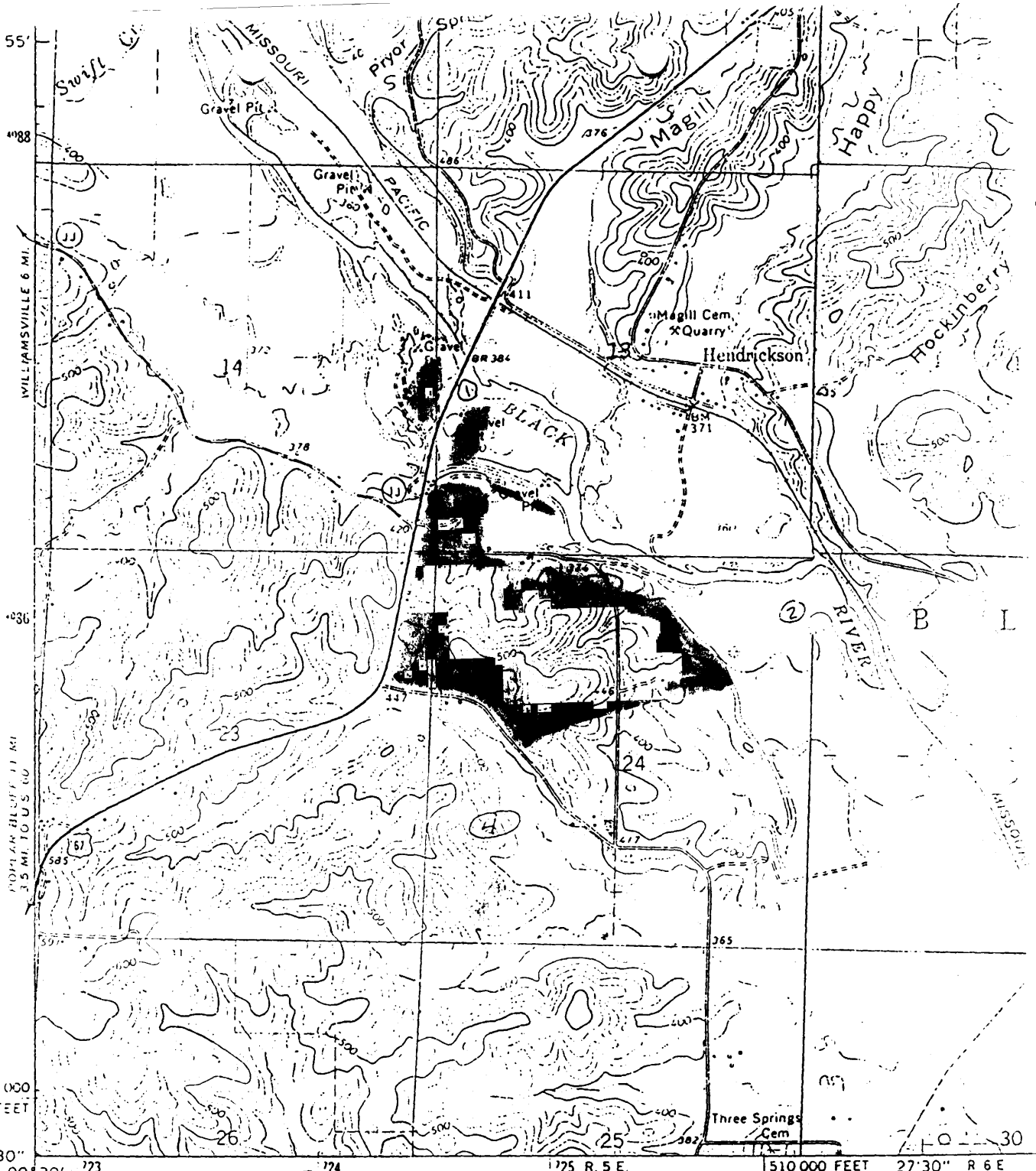
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Township 26 N

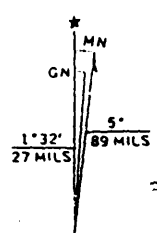


Hendrickson 7.5' Topo.  
Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial  
photographs taken 1964. Field checked 1966  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Missouri coordinate system, east zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue

Areas covered by dashed light-blue pattern  
are subject to controlled inundation

Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked



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UTM GRID AND 1966 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

**SITE LOCATOR MAP** FOR SALE BY

WILLIAMSVILLE  
PERMIT # 115

STONE COMPANY  
*[Signature]*  
SIGNATURE

Site 2 93.5 Acres  
Site 4 10 Acres  
Site 5 186.5 Acres

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**SALES • SERVICE • PARTS**

MISSOURI LAND  
RECLAMATION COMMISSION

# Clap Implement Company

ears Serving Butler & Surroundings Counties"

*Rt. 3, Box 130*

*Poplar Bluff, Missouri 63901*



**MOWERS - MOWER CONDITIONERS  
ROUND BALERS - SQUARE BALERS**

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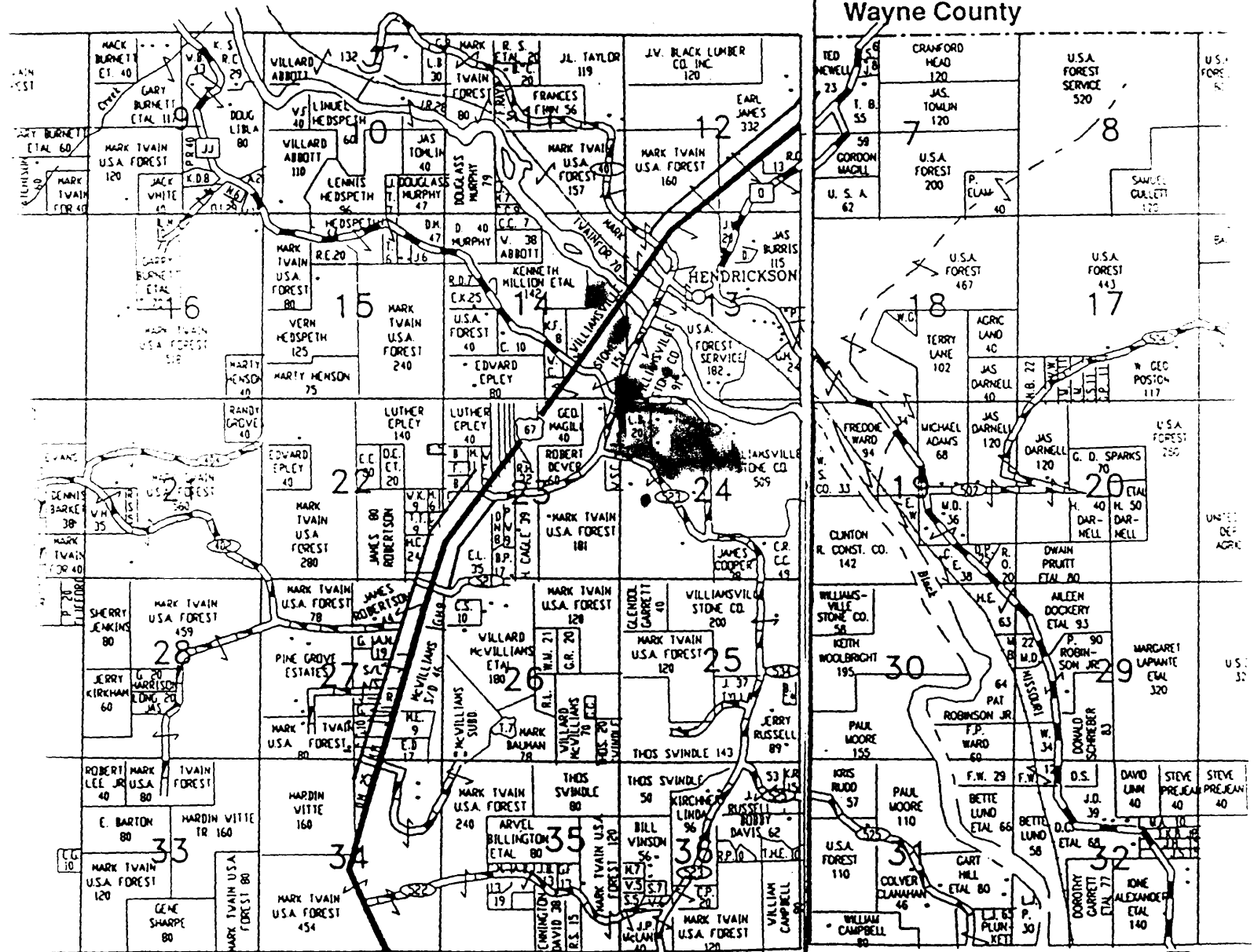
BUTLER COUNTY SO

3069-B NORTH WESTV

WNSHIP 26 • RANGE 5 E

TOW:

## Wayne County



See Page 12 RANGE 5 EAST

Williansville STONE COMPANY

## LOCATION OF:

NEAR BY PROPERTY OWNERS,  
ROADS, UTILITIES + RIVERS

© 1995 Miller Management Services, Inc

**AREA DENOTES THE AREAS OF EXPANSION FROM OLD PERMIT AREAS**

**Site #2, 15 Acres of wildlife & 78.5 Acres of water impoundment**

**Site #5, 51 Acres of Wildlife & 135.5 Acres of water impoundment**





**Site #2, 15 Acres of wildlife & 78.5 Acres of water impoundment**

**Site #5, 51 Acres of Wildlife & 135.5 Acres of water impoundment**



Drawn By Mark Noel  
1" = 1500'

NOTE: THIS MINE PLAN IS A LONG TERM MINE PLAN